

# DART SERVICE INSTRUCTION

TO AMEND MAINTENANCE MANUAL SUPPLEMENT MMS-D206-540

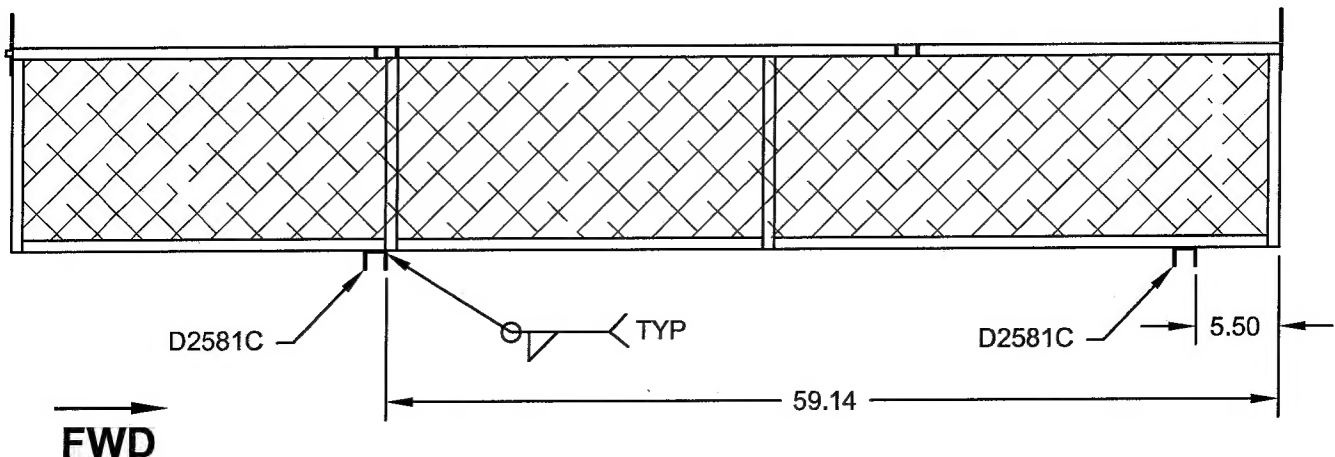
REF. CANADIAN STC: SH94-5

REF. FAA STC: SR00386NY

**For D206-540-013 B3071 only.**

To make the D206-540-013 B3071 Basket compatible with the DSI 9246-013 Quick Release Kit, the following changes are permitted.

- 1) Grind off existing D2255-3 standoffs and weld on D2581C Basket as shown in Figure 1. Weld per AMS-STD-2219 using ER70S-6 filler rod.
- 2) Grind off existing aft strut attachment and weld on D2012-107C Clevis as shown in Figure 2. Weld per AMS-STD-2219 using ER70S-6 filler rod.
- 3) Grind the bushings off the D2253 Lug Assemblies and open the hole to  $\varnothing 0.510$   $+0.010/-0.000$  per Figure 3.
- 4) Touch up basket or affected/repaired areas with one coat of MIL-P-85582 or MIL-P-23377 Primer and 2-3 coats of MIL-C-85285 Polyurethane paint to match original finish.
- 5) Install D2749-1/-3 Struts per D206-540 Rev. I.
- 6) Install D2814 Struts per D206-540 Rev. I.
- 7) Install basket on Helicopter using DSI 9246-013 Quick Release Kit.



**FIGURE 1. SIDE VIEW**

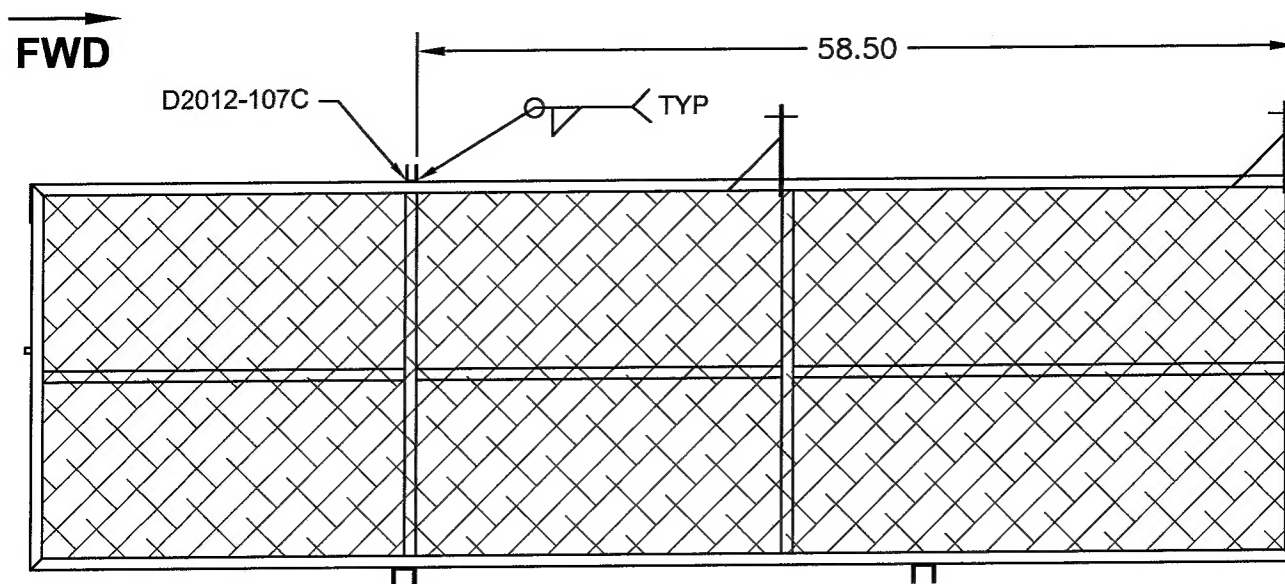
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

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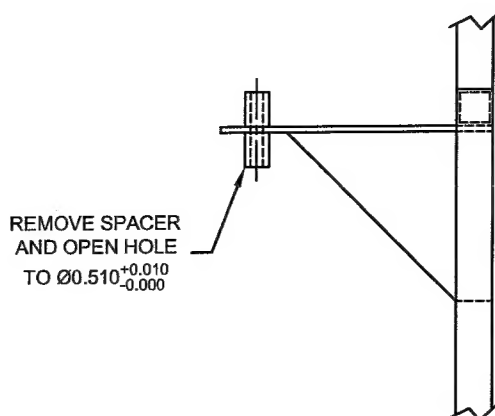
BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 08.04.18  
CERT. NO.: SH94-5  
ISSUE NO.: 4

A	NEW ISSUE	RF	08.04.18
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	MB	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9411	SHEET 1 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	BASKET MODIFICATION KIT	NTS
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**FIGURE 2. TOP VIEW**



**FIGURE 3. D2253 LUG ATTACHMENT**

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The following kit is available to make these changes.

Qty -011	Part Number	Description
X	DSI 9411-011	BASKET MODIFICATION KIT
1	D2012-107	CLEVIS
1	D2012-107C	CLEVIS
4	D2022-101	SPACER
2	D2525	SPACER KIT
2	D2526	BUSHING
2	D2581C	MOUNTING BRACKET
2	D2748	CLEVIS
1	D2749-1	STRUT
1	D2749-3	STRUT
2	D2814	STRUT
3	AN320-4	NUT
3	AN380-2-2	COTTER PIN
2	AN4-12	BOLT
1	AN4-6	BOLT
2	AN5-17A	BOLT
7	AN960JD416	WASHER
2	AN960JD516	WASHER
1	AN970-4	WASHER
2	MS21042L5	NUT (OR MS21042-5)
1	MS27039-4-11	SCREW

Note: D2012-107C is the same as D2012-107 except is made from AISI 1010-1025 Carbon Steel.



D2581C is the same as D2581 except is made from AISI 1010-1025 Carbon Steel.

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